



JC10 Rec'd PCT/PTO 16 MAY 2005
PATENTS

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of:)
Volker MITTENDORF, et al.)
U.S. Application No. 10/523,503) Art Unit: Not yet assigned
U.S. Filing Date: February 2, 2005) Examiner: Not yet assigned
Int'l App. No. PCT/US03/024364)
Int'l Filing Date August 4, 2003)
For: SUGAR AND LIPID METABOLISM)
REGULATORS IN PLANTS IV)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The citation of information on the attached Form PTO-1449, "Information Disclosure Statement" is made pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98. A copy of each of the cited references is enclosed herewith, with the exception of U.S. Patent No. 5,777,201 and the PCT Publication WO03/014376, which should be readily available to the Patent Office.

The citation of this information does not constitute an admission of priority or that any cited item is available as a reference, or a waiver of any right the applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

Respectfully submitted,

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Date: May 13, 2005

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Docket No.: 16313-0346

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<p>Substitute for form 1479/PTO TRADEMARKS/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)</p>				Complete if Known	
				Application Number	10/523,503
				Filing Date	February 2, 2005
				First Named Inventor	Volker MITTENDORF et al.
				Art Unit	To be Assigned
				Examiner Name	To be Assigned
Sheet	1	of	2	Attorney Docket Number	16313-0346

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1.	US-5,777,201	07-07-1998	Poutre, et al.	
	A2.	US-			
	A3.	US-			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Patent Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ - Number ⁴ Kind Code ² (if known)			
	B1.	WO 03/014376 A2	02-20-2003	BASF Plant Science GmbH	
	B2.				
	B3.				

Examiner Signature		Date Considered	
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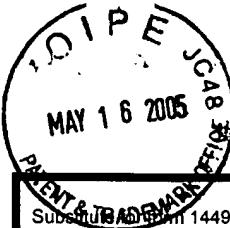
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the articles (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	C1.	THE ARABIDOPSIS GENOME INITIATIVE 2000 Analysis of the genome sequence of the flowering plant Arabidopsis thaliana. <i>Nature</i> 408:796-844			
	C2.	BEISSON ET AL., 1997, "An esterase neosynthesized post-germinated sunflower seeds is related to a new family of lipolytic enzymes," <i>Plant Physiol. Biochem</i> 35(10):761-65.			
	C3.	BUHR ET AL., 2002, "Ribozyme termination of RNA transcripts down-regulate seed fatty acid genes in transgenic soybean", <i>The Plant Journal</i> 30(2):155-63.			
	C4.	ECCLESTON AND OHLROGGE, 1998, "Expression of Lauroyl-Acyl Carrier Protein Thioesterase in <i>Brassica napus</i> Seeds Induces Pathways for Both Fatty Acid Oxidation and Biosynthesis and Implies a Set Point for Triacylglycerol Accumulation", <i>The Plant Cell</i> , 10:613-21.			
	C5.	FOCKS & BENNING, 1998, "wrinkled1: A Novel, Low-Seed-Oil Mutant of Arabidopsis with a Deficiency in the Seed-Specific Regulation of Carbohydrate Metabolism", <i>Plant Physiol.</i> , 118:91-101.			
	C6.	HÄRTEL ET AL., 2000, "DGD1 – independent biosynthesis of extraplastidic galactolipids after phosphate deprivation in <i>Arabidopsis</i> ", <i>Proc. Natl. Acad. Sci. USA</i> , 97 (19):10649-10654.			
	C7.	HATJE ET AL., 1989, "World Importance of Oil Crops and Their Products", <i>Oil Crops of the World-Their Breeding and Utilization</i> , eds. Röbbelen, Downey, and Ashri, pp.1-21.			
	C8.	HÖFGEN AND WILLMITZER, 1990, "Biochemical and Genetic Analysis of Different Patatin Isoforms Expressed in Various Organs of Potato (<i>Solanum tuberosum</i>)", <i>Plant Sci.</i> 66:221-230.			
	C9.	HOLVOET ET AL., 2000, "The Arg123-Tyr166 Central Domain of Human ApoAI Is Critical for Lecithin:Cholesterol Acyltransferase-Induced Hyperalphalipoproteinemia and HDL Remodeling in Transgenic Mice," <i>Arteriosclerosis Thrombosis Vascular Biology</i> , 20:459-466.			
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Substitute Application 1449/PTO

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(Use as many sheets as necessary)

Complete if Known

Application Number	10/523,503
Filing Date	February 2, 2005
First Named Inventor	Volker MITTENDORF et al.
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Examiner Name	To be Assigned

Sheet	2	of	2	Attorney Docket Number	16313-0346
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NON PATENT LITERATURE DOCUMENTS

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	C10.	HURRY ET AL., 2000, "The role of inorganic phosphate in the development of freezing tolerance and the acclimatization of photosynthesis to low temperature is revealed by the <i>pho</i> mutants of <i>Arabidopsis thaliana</i> ", <i>The Plant Journal</i> , 24(3):383-396.	
	C11.	KINNEY ET AL., 1994, "Genetic Modification of the Storage Lipids of Plants," <i>Current Opin. in Biotech.</i> 5:144-151.	
	C12.	MAHMOUD AND CROTEAU, 2001, "Metabolic Engineering of Essential Oil Yield and Composition in Mint by Altering Expression of Deoxylulose Phosphate Reductoisomerase and Menthofuran Synthase," <i>Proc. Natl. Acad. Sci. USA</i> 98(15):8915-20.	
	C13.	MERLOT ET AL., 2001, "The ABI1 and ABI2 protein phosphatases 2C act in a negative feedback regulatory loop of the abscisic acid signaling pathway", <i>The Plant Journal</i> , 15(3):295-303.	
	C14.	METZ ET AL., 2000, "Purification of a Jojoba Embryo Fatty Acyl-Coenzyme A Reductase and Expression of Its cDNA in High Erucic Acid Rapeseed," <i>Plant Physiology</i> 122:635-644.	
	C15.	MEYER ET AL., 1994, "A protein phosphatase 2C involved in ABA signal transduction in <i>Arabidopsis thaliana</i> ", <i>Science</i> 264:1452-55.	
	C16.	MITSUKAWA ET AL., 1997, "Overexpression of an <i>Arabidopsis thaliana</i> high-affinity phosphate transporter gene in tobacco cultured cells enhances cell growth under phosphate-limited conditions", <i>Proc. Natl. Acad. Sci. USA</i> , 94 (13):7098-7102.	
	C17.	MUELLER ET AL., 2000, "Lipid Phosphorylation in Chloroplast Envelopes", <i>The Journal of Biological Chemistry</i> , 275 (26):19475-19481.	
	C18.	OGAS ET AL., 1997, "Cellular Differentiation Regulated by Gibberellin in the <i>Arabidopsis thaliana</i> pickle Mutant", <i>Science</i> 277:91-94.	
	C19.	OGAS, ET AL. 1999, "PICKLE is a CHD3 chromatin-remodeling factor that regulates the transition from embryonic to vegetative development in <i>Arabidopsis</i> ", <i>Proc. Natl. Acad. Sci. USA</i> 96:13839-13844.	
	C20.	OHLROGGE ET AL., 2000, "Fatty acid synthesis: from CO ₂ to functional genomics", <i>Biochem. Soc. Trans.</i> 28(6):567-73.	
	C21.	PARVEEZ, ET AL., 2000, "Transgenic Oil Palm: Production and Projection," <i>Biochem. Soc. Trans.</i> 28(6):969.	
	C22.	SAVAGE & OHLROGGE, 1999, "Phosphorylation of pea chloroplast acetyl-CoA carboxylase", <i>The Plant Journal</i> , 18(5):521-527.	
	C23.	WHITE ET AL., 2000, "A New Set of <i>Arabidopsis</i> Expressed Sequence Tags from Developing Seeds. The Metabolic Pathway from Carbohydrates to Seed Oil," <i>Plant Physiol.</i> , 124:1582-1594.	
	C24.	ZOU ET AL., 1997, "Modification of Seed Oil Content and Acyl Composition in the Brassicaceae By Expression of a Yeast sn-2 Acyltransferase Gene," <i>Plant Cell</i> 9:909-23.	
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